

=====

Sequence Listing could not be accepted due to errors.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: markspencer

Timestamp: Wed Jun 27 06:46:43 EDT 2007

=====

Reviewer Comments:

There are two numeric identifiers for <140>. The correct format is <140> followed by <141>.

Application No: 10564698 Version No: 1.0

Input Set:

Output Set:

Started: 2007-06-26 16:00:14.086
Finished: 2007-06-26 16:00:15.383
Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 297 ms
Total Warnings: 0
Total Errors: 3
No. of SeqIDs Defined: 301
Actual SeqID Count: 301

Error code	Error Description
E 249	Order Sequence Error <140> -> <140>; Expected Mandatory Tag: <210> in Header
E 201	Mandatory field data missing in <140>
E 250	Structural Validation Error; Sequence listing may not be indexable

SEQUENCE LISTING

<110> Argoud-Puy, Guilaine
Bederr, Nassima
Bougueret, Lydie
Cusin, Isabelle
Mah?, Eve
Niknejad, Anne
Reffas, Samia
Rose, Keith
Saudrais, C?dric

<120> SECRETED POLYPEPTIDE SPECIES REDUCED IN CARDIOVASCULAR DISORDERS

<130> 33639/GEP 5048 US-PCT

<140> US 10/464,698

<140>

<150> US 60/487,351

<151> 2003-07-15

<150> US 60/487,290

<151> 2003-07-15

<150> US 60/487,288

<151> 2003-07-15

<150> US 60/487,391

<151> 2003-07-15

<150> PCT/EP04/007842

<151> 2004-07-15

<160> 301

<170> PatentIn version 3.1

<210> 1

<211> 9

<212> PRT

<213> Homo sapiens

<400> 1

Cys Leu His Pro Cys Val Ile Ser Arg

1 5

<210> 2

<211> 9

<212> PRT

<213> Homo sapiens

<400> 2

Glu Ala Thr Phe Cys Asp Phe Pro Lys

<210> 3
<211> 11
<212> PRT
<213> Homo sapiens

<400> 3

Glu Ile Met Glu Asn Tyr Asn Ile Ala Leu Arg
1 5 10

<210> 4
<211> 7
<212> PRT
<213> Homo sapiens

<400> 4

Gly Trp Ser Thr Pro Pro Lys
1 5

<210> 5
<211> 11
<212> PRT
<213> Homo sapiens

<400> 5

Ile Asn His Gly Ile Leu Tyr Asp Glu Glu Lys
1 5 10

<210> 6
<211> 13
<212> PRT
<213> Homo sapiens

<400> 6

Ile Thr Cys Thr Glu Glu Gly Trp Ser Pro Thr Pro Lys
1 5 10

<210> 7
<211> 8
<212> PRT
<213> Homo sapiens

<400> 7

Leu Glu Tyr Pro Thr Cys Ala Lys
1 5

<210> 8
<211> 13
<212> PRT
<213> Homo sapiens

<400> 8

Leu Gln Asn Asn Glu Asn Asn Ile Ser Cys Val Glu Arg
1 5 10

<210> 9
<211> 9
<212> PRT
<213> Homo sapiens

<400> 9

Asn Gly Gln Trp Ser Glu Pro Pro Lys
1 5

<210> 10
<211> 18
<212> PRT
<213> Homo sapiens

<400> 10

Asn Gly Gln Trp Ser Glu Pro Pro Lys Cys Leu His Pro Cys Val Ile
1 5 10 15

Ser Arg

<210> 11
<211> 5
<212> PRT
<213> Homo sapiens

<400> 11

Ser Phe Trp Thr Arg
1 5

<210> 12
<211> 18
<212> PRT
<213> Homo sapiens

<400> 12

Ser Phe Trp Thr Arg Ile Thr Cys Thr Glu Glu Gly Trp Ser Pro Thr

1 5 10 15

Pro Lys

<210> 13
<211> 20
<212> PRT
<213> Homo sapiens

<400> 13

Ser Thr Asp Thr Ser Cys Val Asn Pro Pro Thr Val Gln Asn Ala His
1 5 10 15

Ile Leu Ser Arg
20

<210> 14
<211> 10
<212> PRT
<213> Homo sapiens

<400> 14

Thr Gly Glu Ser Ala Glu Phe Val Cys Lys
1 5 10

<210> 15
<211> 11
<212> PRT
<213> Homo sapiens

<400> 15

Thr Gly Glu Ser Ala Glu Phe Val Cys Lys Arg
1 5 10

<210> 16
<211> 15
<212> PRT
<213> Homo sapiens

<400> 16

Thr Thr Cys Trp Asp Gly Lys Leu Glu Tyr Pro Thr Cys Ala Lys
1 5 10 15

<210> 17
<211> 26

<212> PRT

<213> Homo sapiens

<400> 17

Tyr Lys Pro Phe Ser Gln Val Pro Thr Gly Glu Val Phe Tyr Tyr Ser
1 5 10 15

Cys Glu Tyr Asn Phe Val Ser Pro Ser Lys
20 25

<210> 18

<211> 10

<212> PRT

<213> Homo sapiens

<400> 18

Glu Leu Leu Glu Ser Tyr Ile Asp Gly Arg
1 5 10

<210> 19

<211> 12

<212> PRT

<213> Homo sapiens

<400> 19

Glu Thr Ala Ala Ser Leu Leu Gln Ala Gly Tyr Lys
1 5 10

<210> 20

<211> 20

<212> PRT

<213> Homo sapiens

<400> 20

Gly Gln Pro Ser Val Leu Gln Val Val Asn Leu Pro Ile Val Glu Arg
1 5 10 15

Pro Val Cys Lys
20

<210> 21

<211> 16

<212> PRT

<213> Homo sapiens

<400> 21

His Gln Asp Phe Asn Ser Ala Val Gln Leu Val Glu Asn Phe Cys Arg
1 5 10 15

<210> 22
<211> 20
<212> PRT
<213> Homo sapiens

<400> 22

Ile Val Glu Gly Ser Asp Ala Glu Ile Gly Met Ser Pro Trp Gln Val
1 5 10 15

Met Leu Phe Arg
20

<210> 23
<211> 19
<212> PRT
<213> Homo sapiens

<400> 23

Leu Ala Val Thr Thr His Gly Leu Pro Cys Leu Ala Trp Ala Ser Ala
1 5 10 15

Gln Ala Lys

<210> 24
<211> 13
<212> PRT
<213> Homo sapiens

<400> 24

Thr Ala Thr Ser Glu Tyr Gln Thr Phe Phe Asn Pro Arg
1 5 10

<210> 25
<211> 17
<212> PRT
<213> Homo sapiens

<400> 25

Thr Phe Gly Ser Gly Glu Ala Asp Cys Gly Leu Arg Pro Leu Phe Glu
1 5 10 15

Lys

<210> 26
<211> 13
<212> PRT
<213> Homo sapiens

<400> 26

Ala Ser Ala Ser Asp Gly Ser Ser Phe Val Val Ala Arg
1 5 10

<210> 27
<211> 13
<212> PRT
<213> Homo sapiens

<400> 27

Glu Ala Gln Gln Tyr Ser Glu Ala Leu Ala Ser Thr Arg
1 5 10

<210> 28
<211> 17
<212> PRT
<213> Homo sapiens

<400> 28

Gly Gln Cys Gly Glu Asn Leu Ala Trp Ala Ser Tyr Asp Gln Thr Gly
1 5 10 15

Lys

<210> 29
<211> 7
<212> PRT
<213> Homo sapiens

<400> 29

His Gly Val Pro Pro Leu Lys
1 5

<210> 30
<211> 17
<212> PRT
<213> Homo sapiens

<400> 30

Asn Leu Asn Arg Glu Ala Gln Gln Tyr Ser Glu Ala Leu Ala Ser Thr
1 5 10 15

Arg

<210> 31
<211> 22
<212> PRT
<213> Homo sapiens

<400> 31

Asn Tyr Asn Phe Gln Gln Pro Gly Phe Thr Ser Gly Thr Gly His Phe
1 5 10 15

Thr Ala Met Val Trp Lys
20

<210> 32
<211> 6
<212> PRT
<213> Homo sapiens

<400> 32

Trp Tyr Ser Glu Ile Lys
1 5

<210> 33
<211> 13
<212> PRT
<213> Homo sapiens

<400> 33

Ala Ser Ala Ser Asp Gly Ser Ser Phe Val Val Ala Arg
1 5 10

<210> 34
<211> 13
<212> PRT
<213> Homo sapiens

<400> 34

Glu Ala Gln Gln Tyr Ser Glu Ala Leu Ala Ser Thr Arg
1 5 10

<210> 35
<211> 22
<212> PRT
<213> Homo sapiens

<400> 35

Asn Tyr Asn Phe Gln Gln Pro Gly Phe Thr Ser Gly Thr Gly His Phe
1 5 10 15

Thr Ala Met Val Trp Lys
20

<210> 36
<211> 13
<212> PRT
<213> Homo sapiens

<400> 36

Ala Ser Ala Ser Asp Gly Ser Ser Phe Val Val Ala Arg
1 5 10

<210> 37
<211> 22
<212> PRT
<213> Homo sapiens

<400> 37

Asn Tyr Asn Phe Gln Gln Pro Gly Phe Thr Ser Gly Thr Gly His Phe
1 5 10 15

Thr Ala Met Val Trp Lys
20

<210> 38
<211> 17
<212> PRT
<213> Homo sapiens

<400> 38

Gly Phe Asn Cys Glu Ser Lys Pro Glu Ala Glu Glu Thr Cys Phe Asp
1 5 10 15

Lys

<210> 39

<211> 24
<212> PRT
<213> Homo sapiens

<400> 39

Gly Phe Asn Cys Glu Ser Lys Pro Glu Ala Glu Glu Thr Cys Phe Asp
1 5 10 15

Lys Tyr Thr Gly Asn Thr Tyr Arg
20

<210> 40
<211> 13
<212> PRT
<213> Homo sapiens

<400> 40

Gly Asn Leu Leu Gln Cys Ile Cys Thr Gly Asn Gly Arg
1 5 10

<210> 41
<211> 18
<212> PRT
<213> Homo sapiens

<400> 41

His Thr Ser Val Gln Thr Thr Ser Ser Gly Ser Gly Pro Phe Thr Asp
1 5 10 15

Val Arg

<210> 42
<211> 10
<212> PRT
<213> Homo sapiens

<400> 42

His Tyr Gln Ile Asn Gln Gln Trp Glu Arg
1 5 10

<210> 43
<211> 7
<212> PRT
<213> Homo sapiens

<400> 43

Ile Gly Asp Thr Trp Ser Lys

1 5

<210> 44

<211> 8

<212> PRT

<213> Homo sapiens

<400> 44

Ile Ser Cys Thr Ile Ala Asn Arg

1 5

<210> 45

<211> 26

<212> PRT

<213> Homo sapiens

<400> 45

Gln Ala Gln Gln Met Val Gln Pro Gln Ser Pro Val Ala Val Ser Gln

1 5 10 15

Ser Lys Pro Gly Cys Tyr Asp Asn Gly Lys

20 25

<210> 46

<211> 19

<212> PRT

<213> Homo sapiens

<400> 46

Arg Pro His Glu Thr Gly Gly Tyr Met Leu Glu Cys Val Cys Leu Gly

1 5 10 15

Asn Gly Lys

<210> 47

<211> 16

<212> PRT

<213> Homo sapiens

<400> 47

Thr Tyr Leu Gly Asn Ala Leu Val Cys Thr Cys Tyr Gly Gly Ser Arg

1 5 10 15

<210> 48
<211> 9
<212> PRT
<213> Homo sapiens

<400> 48

Val Gly Asp Thr Tyr Glu Arg Pro Lys
1 5

<210> 49
<211> 14
<212> PRT
<213> Homo sapiens

<400> 49

Cys Ser Gly Glu Glu Gln Ser Leu Glu Gln Cys Gln His Arg
1 5 10

<210> 50
<211> 8
<212> PRT
<213> Homo sapiens

<400> 50

Cys Tyr Gly Pro Gly Val Gly Arg
1 5

<210> 51
<211> 7
<212> PRT
<213> Homo sapiens

<400> 51

Asp Val Ala Val Leu Cys Arg
1 5

<210> 52
<211> 14
<212> PRT
<213> Homo sapiens

<400> 52

Glu Ala Thr Leu Gln Asp Cys Pro Ser Gly Pro Trp Gly Lys
1 5 10

<210> 53
<211> 22

<212> PRT

<213> Homo sapiens

<400> 53

Glu Leu Gly Cys Gly Ala Ala Ser Gly Thr Pro Ser Gly Ile Leu Tyr
1 5 10 15

Glu Pro Pro Ala Glu Lys
20

<210> 54

<211> 25

<212> PRT

<213> Homo sapiens

<400> 54

Glu Leu Gly Cys Gly Ala Ala Ser Gly Thr Pro Ser Gly Ile Leu Tyr
1 5 10 15

Glu Pro Pro Ala Glu Lys Glu Gln Lys
20 25

<210> 55

<211> 19

<212> PRT

<213> Homo sapiens

<400> 55

Phe Trp Gly Phe His Asp Cys Thr His Gln Glu Asp Val Ala Val Ile
1 5 10 15

Cys Ser Gly

<210> 56

<211> 14

<212> PRT

<213> Homo sapiens

<400> 56

Gly Gln Trp Gly Thr Val Cys Asp Asp Gly Trp Asp Ile Lys
1 5 10

<210> 57

<211> 21

<212> PRT

<213> Homo sapiens

<400> 57

Gly Gln Trp Gly Thr Val Cys Asp Asp Gly Trp Asp Ile Lys Asp Val
1 5 10 15

Ala Val Leu Cys Arg

20

<210> 58

<211> 14

<212> PRT

<213> Homo sapiens

<400> 58

Gly Val Trp Gly Ser Val Cys Asp Asp Asn Trp Gly Glu Lys
1 5 10

<210> 59

<211> 21

<212> PRT

<213> Homo sapiens

<400> 59

Gly Val Trp Gly Ser Val Cys Asp Asp Asn Trp Gly Glu Lys Glu Asp
1 5 10 15

Gln Val Val Cys Lys

20

<210> 60

<211> 16

<212> PRT

<213> Homo sapiens

<400> 60

His Gln Asn Gln Trp Tyr Thr Val Cys Gln Thr Gly Trp Ser Leu Arg
1 5 10 15

<210> 61

<211> 7

<212> PRT

<213> Homo sapiens

<400> 61

Ile Trp Leu Asp Asn Val Arg

<210> 62
<211> 9
<212> PRT
<213> Homo sapiens

<400> 62

Lys Cys Tyr Gly Pro Gly Val Gly Arg
1 5

<210> 63
<211> 13
<212> PRT
<213> Homo sapiens

<400> 63

Lys Pro Ile Trp Leu Ser Gln Met Ser Cys Ser Gly Arg
1 5 10

<210> 64
<211> 6
<212> PRT
<213> Homo sapiens

<400> 64

Leu Glu Val Leu His Lys
1 5

<210> 65
<211> 11
<212> PRT
<213> Homo sapiens

<400> 65

Leu Val Gly Gly Asp Asn Leu Cys Ser Gly Arg
1 5 10

<210> 66
<211> 7
<212> PRT
<213> Homo sapiens

<400> 66

Leu Val Gly Gly Leu His Arg
1 5

<210> 67
<211> 20
<212> PRT
<213> Homo sapiens

<400> 67

Asn Thr Cys Asn His Asp Glu Asp Thr Trp Val Glu Cys Glu Asp Pro
1 5 10 15

Phe Asp Leu Arg
20

<210> 68
<211> 9
<212> PRT
<213> Homo sapiens

<400> 68

Ser Ser Gly Leu Ile Ser His His Arg
1 5

<210> 69
<211> 11
<212> PRT
<213> Homo sapiens

<400> 69

Val Leu Asn Asp Gly Thr Val Tyr Thr Ala Arg
1 5 10

<210> 70
<211> 8
<212> PRT
<213> Homo sapiens

<400> 70

Val Asn Leu Glu Glu Cys Phe Arg
1 5

<210> 71
<211> 7
<212> PRT
<213> Homo sapiens

<400> 71

Ala Trp Phe Leu Glu Ser Lys

<210> 72
<211> 13
<212> PRT
<213> Homo sapiens

<400> 72

Asp Gly Trp Gln Trp Phe Trp Ser Pro Ser Thr Phe Arg
1 5 10

<210> 73
<211> 7
<212> PRT
<213> Homo sapiens

<400> 73

Asp Leu Gly Pro Leu Thr Lys
1 5

<210> 74
<211> 9
<212> PRT
<213> Homo sapiens

<400> 74

Glu Leu Leu Glu Thr Val Val Asn Arg
1 5

<210> 75
<211> 12
<212> PRT
<213> Homo sapiens

<400> 75

Gly Phe Met Gln Thr Tyr Tyr Asp Asp His Leu Arg
1 5 10

<210> 76
<211> 19
<212> PRT
<213> Homo sapiens

<400> 76

Gly Phe Met Gln Thr Tyr Tyr Asp Asp His Leu Arg Asp Leu Gly Pro
1 5 10 15

Leu Thr Lys

<210> 77
<211> 8
<212> PRT
<213> Homo sapiens

<400> 77

Lys Thr His Ser Leu Cys Pro Arg
1 5

<210> 78
<211> 11
<212> PRT
<213> Homo sapiens

<400> 78

Met Lys Glu Leu Leu Glu Thr Val Val Asn Arg
1 5 10

<210> 79
<211> 7
<212> PRT
<213> Homo sapiens

<400> 79

Thr His Ser Leu Cys Pro Arg
1 5

<210> 80
<211> 15
<212> PRT
<213> Homo sapiens

<400> 80

Thr Arg Asp Gly Trp Gln Trp Phe Trp Ser Pro Ser Thr Phe Arg
1 5 10 15

<210> 81
<211> 5
<212> PRT
<213> Homo sapiens

<400> 81

Trp Ser Leu Val Arg

<210> 82
<211> 19
<212> PRT
<213> Homo sapiens

<400> 82

Cys Pro Asn Val His Cys Leu Ser Pro Val His Ile Pro His Leu Cys
1 5 10 15

Cys Pro Arg

<210> 83
<211> 17
<212> PRT
<213> Homo sapiens

<400> 83

Ser Arg Gln Ser Val Val Thr Leu Gln Gly Ser Ala Val Val Ala Asn
1 5 10 15

Arg

<210> 84
<211> 12
<212> PRT
<213> Homo sapiens

<400> 84

Ala Ser Phe Glu Glu Leu Cys Ser Glu Tyr Arg Lys
1 5 10

<210> 85
<211> 10
<212> PRT
<213> Homo sapiens

<400> 85

Glu Val Thr Val Leu Leu Glu His Gln Lys
1 5 10

<210> 86
<211> 9

<212> PRT
<213> Homo sapiens

<400> 86

Ser Phe Thr Ile Trp Leu Ser Asp Lys
1 5

<210> 87
<211> 18
<212> PRT
<213> Homo sapiens

<400> 87

Ser Ser Asp Pro Asp Phe Arg Val Leu Asn Asp Gly Ser Val Tyr Thr
1 5 10 15

Ala Arg

<210> 88
<211> 11
<212> PRT
<213> Homo sapiens

<400> 88

Val Leu Asn Asp Gly Ser Val Tyr Thr Ala Arg
1 5 10

<210> 89
<211> 8
<212> PRT
<213> Homo sapiens

<400> 89

Val Asn Leu Glu Glu Cys Phe Arg
1 5

<210> 90
<211> 11
<212> PRT
<213> Homo sapiens

<400> 90

Asp Ile Gln Gly Ser Leu Gln Asp Ile Phe Lys
1 5 10

<210> 91
<211> 16
<212> PRT
<213> Homo sapiens

<400> 91

Thr Pro His Ala Glu Asp Met Ala Glu Leu Val Ile Val Gly Gly Lys
1 5 10 15

<210> 92
<211> 11
<212> PRT
<213> Homo sapiens

<400> 92

Val Asn Ser Asp Gly Gly Leu Val Ala Leu Arg
1 5 10

<210> 93
<211> 9
<212> PRT
<213> Homo sapiens

<400> 93

Tyr Glu Val Ser Ser Pro Tyr Phe Lys
1 5

<210> 94
<211> 7
<212> PRT
<213> Homo sapiens

<400> 94

Cys Phe Glu Ser Phe Glu Arg
1 5

<210> 95
<211> 21
<212> PRT
<213> Homo sapiens

<400> 95

Asp Ala Thr Cys Asn Cys Asp Tyr Asn Cys Gln His Tyr Met Glu Cys
1 5 10 15

Cys Pro Asp Phe Lys
20